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Application No.

10/717,654

Examiner

Annette H. Para

Applicant(s)

JENSEN, GERT KIM

Art Unit

1661

| 1 | Rejected |
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| = | Allowed  |

(Through numeral) Cancelled Restricted

Non-Elected Ν Interference

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|----------|----------------------|--------------|----------|--------------|--------------|--------------|----------------|--------------|----------|--------------------------------------------------|------------|
| Cla      | im                   | Γ.           |          |              | (            | Date         | <del></del>    |              |          |                                                  |            |
| Final    | Original             | 11/15/04     |          |              |              |              |                |              |          |                                                  |            |
| 1        | 1                    | =            |          |              |              |              |                |              |          |                                                  |            |
|          | 1<br>2<br>3          |              |          |              |              |              |                |              |          |                                                  |            |
|          | 3                    |              |          |              |              |              |                |              |          |                                                  | . [        |
|          | 4                    |              |          |              |              |              |                |              |          |                                                  | L          |
|          | 4<br>5<br>6          |              |          |              |              | <u> </u>     |                |              |          |                                                  | L          |
|          | 6_                   | _            |          |              | <u> </u>     | <u> </u>     |                |              |          |                                                  | Ĺ          |
|          | 7<br>8               | <u> </u>     | _        | ļ            | _            | _            |                |              |          | Ш                                                | Ļ          |
|          | 8                    | ļ            | _        |              | -            |              | <del> </del> - |              |          | -                                                | -          |
| <u> </u> | 9                    | ├            | <u> </u> | ļ            |              | <u> </u>     | ┢              | <u> </u>     |          |                                                  | ı          |
|          | 10<br>11             | ⊢            | -        |              | ┝            | -            | ╁              |              |          | -                                                | ŀ          |
|          | 11                   | <del> </del> |          | -            | -            |              | ┼─             | -            |          |                                                  | ŀ          |
| <u> </u> | 12                   | ┼            | -        | ├            | -            | -            | $\vdash$       | -            | -        |                                                  |            |
|          | 14                   | -            |          | <del> </del> | <u> </u>     | ┝╌           | +-             |              | -        |                                                  |            |
| <u> </u> | 12<br>13<br>14<br>15 | -            |          |              |              | $\vdash$     | ├              | <del> </del> | -        | <del>                                     </del> | -          |
| -        | 16                   |              | ╁╌╴      | $\vdash$     | <del> </del> | $\vdash$     | <u> </u>       | <del> </del> |          | <del> </del>                                     | H          |
|          | 17                   | 1-           | t        | H            | <del> </del> | H            |                | T            | _        |                                                  |            |
|          | 18                   |              | 1        |              | <b>-</b>     |              |                | 一            |          | <b> </b>                                         |            |
|          | 18<br>19             | T            | ı        |              |              | Г            |                |              |          |                                                  |            |
|          | 20                   |              |          |              |              | 1            |                | <u> </u>     |          |                                                  |            |
|          | 21                   |              |          |              |              |              | T              |              |          |                                                  |            |
|          | 22                   |              |          |              | Ī.,          |              |                |              |          |                                                  |            |
|          | 23<br>24             |              |          |              |              |              |                |              |          | ļ                                                |            |
|          | 24                   | <u> </u>     | _        | _            | <u> </u>     | <u> </u>     |                |              | L        |                                                  |            |
|          | 25                   | ╙            | <u> </u> | <u> </u>     | <u> </u>     | _            | <u> </u>       | ļ            | L        | <u> </u>                                         |            |
|          | 26<br>27             | ļ            | ├        | ╄            | ļ            | ┢            | ├-             | ऻ            | _        |                                                  | -          |
| -        | 27                   | ┼-           | ┼        | ┢            | ₩.           |              | ├              | ┼            | ├        | -                                                | •  -       |
| -        | 28<br>29             | -            | ⊢        | -            | $\vdash$     | ┼-           | +              | ╁            | -        | ⊢                                                | } }        |
| -        | 30                   | $\vdash$     | ⊢        | ╁            | +            | ┼            | +              | $\vdash$     |          | ╁                                                | <b> </b>   |
| -        | 31                   | +            | $\vdash$ | ┼─           | ╁╌           | +            |                | $\vdash$     |          | +                                                |            |
| -        | 31<br>32             | +            | ┢        | +            | 1-           | 1            | ╁╴             |              | H        | ┼─                                               | <b>i</b> i |
|          | 33                   | $\top$       | T        | ╁┈           | 十一           | T            | +              |              |          | ╁                                                | 1          |
|          | 34                   |              | T        | †            | T            | T            | $\top$         | T            | ļ        |                                                  |            |
|          | 35                   |              | T        |              | 1            |              |                |              |          |                                                  | ] [        |
|          | 36                   |              |          |              |              |              |                |              |          |                                                  | ] [        |
|          | 37                   |              |          |              | <u> </u>     |              |                | <u> </u>     | L        | <u> </u>                                         | ]          |
|          | 38                   | _            | _        | _            |              | 1            |                | _            | 1        | _                                                |            |
| 1        | 39                   | 1            | ┺        |              | $\perp$      | $\perp$      | <u> </u>       | ļ_           | _        | _                                                | <b>↓</b> ↓ |
| _        | 40                   | -            | -        |              | ┼-           | ↓_           | -              | 1-           | -        | +                                                | ┥┟         |
| -        | 41                   |              | +        | +            | +-           | ╂            | +              | ┼            | $\vdash$ | 1                                                | { }        |
| $\vdash$ | 42<br>43             |              | +        | +            | +            | +-           | ┨              | +-           | $\vdash$ | +-                                               |            |
| -        | 43                   |              | -        | +            | +            | +            | +              | +-           | +        | +                                                | ┪╏         |
|          | 45                   | +            | H        | +-           | ┿            | +            | +              | +            | $\vdash$ | +                                                | 1          |
|          | 46                   | +            | ╁        | +            | ╁            | H            | +-             | +            | t        | +                                                | 1          |
|          | 47                   | 1            | T        | T            | $\dagger$    | 十            | +              | $\top$       | t        | 1                                                | 1          |
|          | 48                   | +-           | T        | †            | T            | $^{\dagger}$ | $\top$         | $\top$       | $\vdash$ | T                                                | 1          |
|          | 49                   | 1            | T        | T            | T            | T            |                | $\top$       | 1        |                                                  | ]          |
|          | 50                   | 1            | Ι        | $\perp$      | Ι            | L            |                |              | I        |                                                  | ] [        |
| ш        |                      |              | _        | -            |              |              |                |              | •        |                                                  |            |

| Cla      | im       |              |              |           |              | ate            | :        |          |              |               |
|----------|----------|--------------|--------------|-----------|--------------|----------------|----------|----------|--------------|---------------|
|          |          | $\neg$       | $\neg$       |           |              | П              | $\neg$   | П        | $\Box$       | П             |
| Final    | Original |              |              |           |              |                |          |          |              |               |
| -        | 51       | $\dashv$     | -            | $\dashv$  | _            | $\dashv$       |          | $\dashv$ | -            |               |
|          | 52       |              |              | _         | _            |                |          | $\neg$   |              |               |
|          | 53       |              |              |           |              |                |          |          |              |               |
|          | 54       | _            | _            |           |              |                |          | _        |              |               |
|          | 55       |              |              | _         |              |                |          |          |              | $\overline{}$ |
|          | 56       |              |              |           |              | $\neg \neg$    | $\neg$   | $\neg$   | -            |               |
|          | 57       |              | $\neg$       |           |              |                |          |          |              |               |
|          | 58       | T            |              |           |              |                |          |          |              |               |
|          | 59       |              | ,            |           |              |                |          |          |              |               |
|          | 60       |              |              |           |              |                |          |          |              |               |
|          | 61       |              |              |           |              |                |          |          |              |               |
|          | 62       |              |              |           |              |                |          |          |              | _             |
| L        | 63       |              |              |           |              |                |          |          |              | _             |
|          | 64       | _            |              |           |              |                |          |          |              |               |
|          | 65       |              |              | _         |              |                | -        |          |              | <u> </u>      |
|          | 66       |              |              |           |              |                |          |          |              | ļ             |
| <u> </u> | 67       |              |              | _         |              | _              |          |          | -            | <u> </u>      |
|          | 68       |              |              |           |              |                |          |          | _            | <u> </u>      |
|          | 69       | -            |              | _         |              |                |          |          |              | -             |
|          | 70       | -1           |              | -         | <u> </u>     |                | _        |          |              |               |
|          | 71<br>72 |              |              | H         |              | $\vdash$       | _        |          |              |               |
| -        |          |              |              |           |              |                |          |          | ⊢            | -             |
| -        | 73<br>74 |              |              |           | $\vdash$     | <del> </del> - | <u> </u> |          | <del> </del> |               |
|          | 75       | -            |              | -         | -            |                |          |          | ├─           |               |
|          | 76       |              |              |           | H            |                | -        |          | $\vdash$     | $\vdash$      |
| -        | 76<br>77 |              | -            |           | $\vdash$     | -              | $\vdash$ | -        |              | H             |
|          | 78       |              |              |           | -            |                |          | _        |              |               |
|          | 79       |              |              | 一         |              |                |          |          |              | $\vdash$      |
|          | 80       |              |              | <b></b> - |              |                |          |          |              |               |
|          | 81       |              |              |           |              |                |          |          |              |               |
|          | 82       |              |              |           |              |                |          |          |              |               |
|          | 83       |              |              |           |              |                |          |          |              |               |
|          | 84       |              |              |           | L            |                |          |          | L            | Ĺ             |
|          | 85       |              |              | L         |              |                |          |          |              | L             |
|          | 86       |              | Ĺ            | <u> </u>  |              | <u></u>        |          | L        |              | _             |
|          | 87       |              | <u> </u>     | _         |              | <del> </del>   |          | L        | 1            | 1             |
| 1        | 88       | <u> </u>     | ļ            | 1         | <u> </u>     | ـــــ          | L_       | <u> </u> | ļ            | <u> </u>      |
|          | 89       | _            | <u> </u>     | $\vdash$  | -            | $\vdash$       |          | -        | _            | $\vdash$      |
|          | 90       | _            |              | $\vdash$  | <u> </u>     | ├              | -        | $\vdash$ | -            | -             |
| -        | 91       |              | <u> </u>     | ₩         | ├-           | $\vdash$       |          | -        | -            | +-            |
| <u> </u> | 92       |              | -            | ₩         | <del> </del> | +              | ├-       | ├-       | $\vdash$     | -             |
| -        | 93       |              | <del> </del> | -         | ├            | ├              | ├        | ⊢        | $\vdash$     | ┼             |
|          | 94<br>95 |              | -            | ⊢         | -            | -              | +-       |          | -            | $\vdash$      |
|          | 96       | $\vdash$     | -            | -         | $\vdash$     |                | +-       |          | ├            | $\vdash$      |
| -        | 97       | $\vdash$     | -            | ╁         | $\vdash$     | +              | $\vdash$ | $\vdash$ | $\vdash$     | ╁             |
|          | 98       | -            | -            | +         | <del> </del> | +-             | 1        | $\vdash$ | +            | ╁             |
| -        | 99       |              | -            | +         | ┼~           | ╁              | $\vdash$ | H        | ╁            | +             |
| -        | 100      | <del> </del> | <u> </u>     | +-        | t            | $\vdash$       | t-       | $\vdash$ | t-           | +             |

| Cla | im       |                                                  |          |              | ַ        | Date         | )              |                                                  |                                                  |                                              | (     | Σlą    | aim      |          |                                                  |                                                  |          | ate      | 9      |          |              |          |
|-----|----------|--------------------------------------------------|----------|--------------|----------|--------------|----------------|--------------------------------------------------|--------------------------------------------------|----------------------------------------------|-------|--------|----------|----------|--------------------------------------------------|--------------------------------------------------|----------|----------|--------|----------|--------------|----------|
| Lua | Original |                                                  |          |              |          |              |                |                                                  |                                                  |                                              | Final |        | Original |          |                                                  |                                                  |          |          |        |          |              |          |
|     | 51       |                                                  |          |              |          | -            |                |                                                  | _                                                |                                              |       |        | 101      |          |                                                  |                                                  |          |          |        |          |              |          |
|     | 52       |                                                  |          |              |          |              |                |                                                  |                                                  |                                              |       |        | 102      |          |                                                  |                                                  |          |          |        |          |              |          |
| _   | 53       |                                                  |          |              | _        |              |                |                                                  |                                                  |                                              |       | T      | 103      |          |                                                  |                                                  |          |          |        |          |              |          |
|     | 54       | _                                                |          |              | ┢        |              |                | _                                                |                                                  |                                              |       | T      | 104      |          |                                                  |                                                  |          |          |        |          |              |          |
| _   | 55       | _                                                |          |              |          |              |                |                                                  |                                                  | Г                                            |       | T      | 105      |          |                                                  |                                                  |          |          |        |          |              |          |
|     | 56       |                                                  |          |              |          |              |                |                                                  |                                                  | <u> </u>                                     |       |        | 106      |          |                                                  |                                                  |          |          |        |          |              |          |
|     | 57       |                                                  |          | Г            |          |              |                |                                                  |                                                  |                                              |       |        | 107      |          |                                                  |                                                  |          |          | -      |          |              |          |
|     | 58       | $\vdash$                                         |          |              |          | <u> </u>     |                |                                                  |                                                  |                                              |       | T      | 108      |          |                                                  |                                                  |          | Г        |        |          |              |          |
|     | 59       |                                                  |          |              |          | Т            |                |                                                  | _                                                | <u>                                     </u> |       | $\neg$ | 109      |          |                                                  |                                                  |          |          |        |          |              |          |
|     | 60       | $\vdash$                                         |          |              |          |              |                |                                                  |                                                  |                                              |       |        | 110      |          |                                                  |                                                  |          |          |        |          |              |          |
|     | 61       |                                                  |          |              |          |              | Г              |                                                  |                                                  |                                              |       |        | 111      |          |                                                  |                                                  |          |          |        |          |              |          |
|     | 62       |                                                  | _        |              | Т        |              |                |                                                  | -                                                |                                              |       |        | 112      |          |                                                  |                                                  |          |          | 1      |          |              |          |
|     | 63       |                                                  | _        |              | $\vdash$ | <b> </b>     |                |                                                  | ┢                                                |                                              |       |        | 113      |          | -                                                |                                                  |          |          |        |          |              |          |
|     | 64       |                                                  | -        |              |          | T            |                |                                                  | _                                                | T                                            |       |        | 114      |          |                                                  |                                                  |          | <u> </u> |        | 1        | 1            |          |
|     | 65       | -                                                | $\vdash$ | <del> </del> | ┢        |              |                |                                                  |                                                  | -                                            |       |        | 115      |          |                                                  |                                                  |          |          |        | <u> </u> |              |          |
|     | 66       | -                                                | $\vdash$ | ┪            | 1        |              |                |                                                  |                                                  | 1                                            |       |        | 116      |          |                                                  |                                                  | _        |          |        | ļ        |              |          |
| ,   | 67       | <del>                                     </del> | $\vdash$ | _            | <u> </u> |              |                |                                                  |                                                  | <b></b>                                      |       |        | 117      |          |                                                  |                                                  |          |          |        |          | T-           |          |
|     | 68       |                                                  | -        |              | <u> </u> | 1            |                |                                                  |                                                  |                                              |       |        | 118      |          |                                                  |                                                  |          |          |        |          | Г            |          |
|     | 69       |                                                  | -        | Т            | Τ        | <u> </u>     | $\vdash$       |                                                  |                                                  | t                                            |       |        | 119      |          |                                                  |                                                  |          |          | ·      |          |              |          |
|     | 70       | <del>                                     </del> |          | $\vdash$     | <b>†</b> |              |                | _                                                | ✝                                                |                                              | 1     |        | 120      |          |                                                  |                                                  |          |          |        | T        |              |          |
|     | 71       |                                                  |          |              | $t^-$    | 1            |                |                                                  | <del>                                     </del> |                                              |       | _      | 121      | ·        |                                                  |                                                  | _        |          | Г      | T        |              |          |
|     | 72       |                                                  |          |              | $\vdash$ | T            |                |                                                  | t                                                |                                              |       |        | 122      |          |                                                  |                                                  |          | Г        | T      |          |              |          |
|     | 73       |                                                  |          |              | T        | t            | -              | T                                                |                                                  |                                              | -     |        | 123      |          |                                                  |                                                  |          | Г        | ┞      |          |              | T        |
|     | 74       |                                                  | _        | Г            | t        | $\vdash$     | 1              |                                                  | <u> </u>                                         | †                                            | 1     |        | 124      |          |                                                  |                                                  |          | 1        | T      |          | ļ            | <u> </u> |
|     | 75       |                                                  |          | t            | $t^-$    | 1            |                | <u> </u>                                         | $\vdash$                                         |                                              |       |        | 125      |          |                                                  | $\vdash$                                         |          |          |        |          |              |          |
|     | 76       |                                                  |          | <u> </u>     | ┢        |              | <u> </u>       |                                                  |                                                  |                                              | 1     |        | 126      |          | -                                                | T                                                |          | -        | T      |          | $\vdash$     | 1        |
|     | 77       | -                                                | ÌТ       |              | t        | ✝            |                |                                                  |                                                  | T                                            | 1     |        | 127      |          |                                                  |                                                  |          |          | 1      | T        |              |          |
|     | 78       | <del>                                     </del> | <u> </u> | t            | -        | $t^-$        |                |                                                  | 1                                                | T                                            | 1     | _      | 128      |          |                                                  |                                                  |          | <u> </u> | T      |          | Т            | 1        |
|     | 79       | t                                                |          | ┢═           | t        | $\vdash$     | -              | $\vdash$                                         |                                                  | t                                            | 1 🗀   |        | 129      | Г        |                                                  |                                                  | _        | Т        |        |          |              |          |
|     | 80       |                                                  | 一        | ļ            | 1        | t            | †              | $\vdash$                                         | t                                                |                                              |       |        | 130      | Г        | -                                                |                                                  | 1        | T        | T      |          |              |          |
|     | 81       | $\vdash$                                         |          |              | t        | <del> </del> | <del> </del>   |                                                  | H                                                | <del> </del>                                 | i 🗀   |        | 131      | $\vdash$ |                                                  | t                                                | -        | t        | T      | ✝        | T            |          |
|     | 82       |                                                  | 1        | 1            | T        | $\vdash$     | ╁┈             |                                                  | T                                                |                                              | 1     |        | 132      |          | -                                                |                                                  | Ι-       |          | Τ      | 1        |              |          |
|     | 83       | 1                                                | T        | - 15         | †=       | T            | T              | T-                                               |                                                  | $\vdash$                                     | 1 -   |        | 133      | 1        |                                                  | 1                                                | T        | T        | T      |          | 1            | 1        |
|     | 84       | $t^{-}$                                          | T        | 1            | +        | T            | 1              | <del>                                     </del> | t                                                | t                                            |       |        | 134      | Т        | Г                                                | Τ                                                | $\vdash$ | T        | T      | 1        | T            | 1        |
| _   | 85       | 1                                                | 1        | t            | 1        | T            |                | Ι-                                               | <del>                                     </del> | Т                                            | 1     |        | 135      | 1        | T                                                |                                                  |          | T        | T      | T        |              | T        |
| -   | 86       | $\vdash$                                         | $\vdash$ | ╁            | ┢        | 1            | T              | T                                                | t                                                | T                                            | 1 -   |        | 136      | T        | <del>                                     </del> | Г                                                | Г        | T        | Τ      | T        | 1            | T        |
|     | 87       | $\vdash$                                         | $\vdash$ | 1            | t        | t            | t              | Г                                                |                                                  | 1                                            | 1     |        | 137      |          | <b></b>                                          |                                                  |          | T        | t      | Τ        | 1            | Τ        |
|     | 88       | T                                                | T        | 1            | T        | $t^-$        | 1              | Г                                                | T                                                | †                                            | 1     |        | 138      | ļ        |                                                  |                                                  | Γ        | Т        | T      | 1        |              | 1        |
|     | 89       | †-                                               | 1        | †            | +        | T            | T              | T                                                | †-                                               | $\vdash$                                     | 1     |        | 139      |          |                                                  |                                                  | Π        | 1        | 1      | Т        | 1            | İ        |
|     | 90       | 1-                                               | T        | T            | +-       | T            | T              | <del>                                     </del> | 1                                                | T                                            | 1     |        | 140      | 1        |                                                  | T                                                |          | 1-       | $\top$ | T        | 1            | T        |
| _   | 91       | 1                                                | 1        | 1            | +        | $\top$       | T              | Г                                                |                                                  | 1                                            | 1     | _      | 141      |          |                                                  | T                                                |          |          | 1      |          |              | T        |
| -   | 92       | †                                                | †        | T            | $T^-$    | T            | T              | Г                                                | $^{\dagger}$                                     | T                                            |       |        | 142      |          |                                                  | T                                                | T        |          | 1      | 1        | 1            | 1        |
|     | 93       | †                                                | T        | t            | T        | T            | †              | 1-                                               | Т                                                | Ħ                                            | 1     |        | 143      | T        | İ                                                | Т                                                | T        | 1        | ✝      | T        | T            | Τ        |
|     | 94       | †                                                | $\vdash$ | T            | +-       | †            | +              | T                                                | 十                                                | t                                            | 1  -  |        | 144      |          |                                                  | Ι_                                               | Π        | T        | $\top$ | T        | 1            | T        |
|     | 95       | 1                                                | $\vdash$ | T            | †        | T            | $^{\dagger}$   | †                                                | T                                                | T                                            | 1  -  |        | 145      | T        |                                                  | T                                                | T        | T        | 1      | 1        | Т            | T        |
|     | 96       | +                                                | $\vdash$ | +-           | +        | 1            | <del>  -</del> | $\vdash$                                         | †                                                | $\vdash$                                     | 1 -   |        | 146      | t        | t                                                | 1                                                | T        | T        | T      | $\top$   | 1-           | T        |
|     | 97       | T                                                | +-       | $t^{-}$      | +        | +-           | +              | t                                                | T                                                | T                                            | 1  -  | _      | 147      | t        | 1                                                | t                                                | T        | 1        | T      | 1        | $^{\dagger}$ | T        |
|     | 98       | +-                                               | +        | +            | +-       | +            | $t^-$          | t                                                | 1                                                | 十                                            | 1     |        | 148      | T        | $\vdash$                                         | $t^-$                                            | t        | †-       | T      | T        | 十            | T        |
|     | 99       | $\vdash$                                         | ╁╴       | +            | +-       | +            | +              | T                                                | T                                                | T                                            | 1  -  |        | .149     | $\vdash$ | T                                                | <del>                                     </del> | T        | T        | T      | T        | $\top$       | †        |
|     | 100      | +                                                | +        | +-           | +-       | +            | +              | +-                                               | +-                                               | +                                            | 1 -   | -      | 150      | +-       | 1                                                | <del> </del>                                     | +        | +-       | 1      | +        | 1-           | +-       |